

ABSTRACT

Arranged within a cylindrical housing [[1]] are capturing cells [[2]] each including a cylindrical outer electrode [[7]] capable of capturing particulates and an inner electrode [[6]] inserted into the outer electrode and lined at its outer surface with a dielectric [[5]]. A divergent exhaust unit ~~Exhaust divergent means 3~~ ~~is arrange~~ arranged on an end of the housing [[1]] so as to guide exhaust [[G]] to interiors in the respective capturing cells [[2]]. A convergent exhaust ~~convergence means 4~~ unit is arranged on the other end of the housing [[1]] so as to communicate with a gap [[14]] between an inner surface of the housing and outer surfaces of the outer electrodes [[7]] in the respective cells [[2]]. The inner and outer electrodes ~~6 and 7~~ are connected to an electric discharge controller [[15]].

~~Thus, provided is an exhaust emission control device with high removal efficiency of particulates and with easiness in maintenance.~~